

2010 Recharge Master Plan Update

Volume I – Final Report

Prepared for
Chino Basin Watermaster
Chino Basin Water Conservation District
Inland Empire Utilities Agency

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Acronyms, Abbreviations, and Initialisms

ac	acre
acre-ft/yr	acre-feet per year
ACR	Application for Capacity Right
ADC	Azuza-Devil Canyon
ASR	Aquifer Storage and Recovery
Authority	San Bernardino Regional Tertiary & Water Reclamation Authority
B&V	Black & Veatch
BMP	Best Management Practice
BOR	Bureau of Reclamation
CASQA	California Storm Water Quality Association
CBFIP	Chino Basin Facilities Improvement Program
CBWCD	Chino Basin Water Conservation District
CBWL	Chino Basin Wastewater Line
cfs	cubic feet per second
CURO	cumulative unmet replenishment obligation
CRA	Colorado River Aqueduct
CVP	Central Valley Project
CVWD	Cucamonga Valley Water District
Delta	Sacramento-San Joaquin River Delta
DOT	US Department of Transportation
DSOD	CA Department of Water Resources Division of Safety of Dams
DWR	CA Department of Water Resources
EPA	US Environmental Protection Agency
ft	feet
GRCC	Groundwater Recharge Coordinating Committee
IEUA	Inland Empire Utilities Agency
IID	Imperial Irrigation District
IX	ion exchange
JCSD	Jurupa Community Services District
LACSD	Los Angeles County Sanitation District
LMWTP	Lloyd W. Michael Water Treatment Plant
Metropolitan	Metropolitan Water District of Southern California
MS4	Municipal Separate Storm Sewer System

Acronyms, Abbreviations, and Initialisms

msl	mean sea level
MVWD	Monte Vista Water District
MZ1	Management Zone 1
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NRW	Non-Reclaimable Waste
O&M	operations and maintenance
OCS	Orange County Sanitation District
POC	Pollutants of Concern
QSA	Quantification Settlement Agreement
R4	Rainfall, Runoff, Router, and Rootzone Model
RC	Riverside-Corona
RWQCB	Regional Water Quality Control Board
RIX	Rapid Infiltration Extraction Treatment Plant
RMPU	Recharge Master Plan Update
ROM	Chino Basin Recharge Facilities Operations Procedures Manual
RP	Regional Plant
RO	reverse osmosis
SARI	Santa Ana Regional Interceptor
SBCFCD	San Bernardino County Flood Control District
SBMWD	San Bernardino Municipal Water Department
SCADA	supervisory control and data acquisition
SCE	Southern California Edison
SDCWA	San Diego County Water Authority
SGVMWD	San Gabriel Valley Municipal Water District
Stantec	Stantec Consulting Inc.
SWG	Sierra Water Group
SWP	State Water Project
TDS	total dissolved solids
USGS	United States Geological Survey
VOC	Volatile Organic Compound
WBE	Wagner & Bonsignore Consulting Civil Engineers
Watermaster	Chino Basin Watermaster

Acronyms, Abbreviations, and Initialisms

WFA	Water Facilities Authority
WTP	water treatment plant
WEI	Wildermuth Environmental, Inc.
WMWD	Western Municipal Water District
WQMP	Water Quality Management Plan
WRCRWAP	Western Riverside County Regional Wastewater Authority Plant